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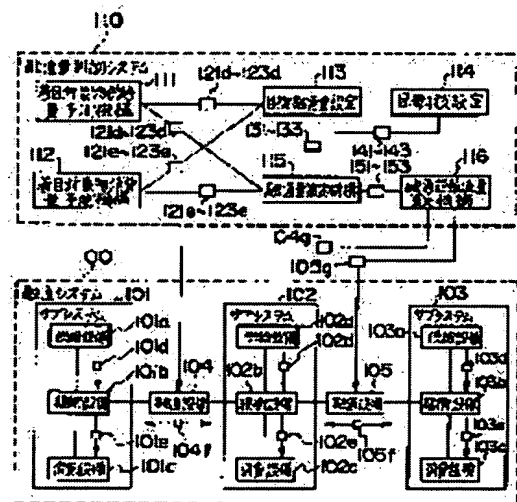
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(54) CONTROLLER FOR POWER INTERCHANGE FACILITY

(57)Abstract:

PURPOSE: To facilitate the operation of the entire power interchange facility by activating power interchange while keeping the rule that a subsystem is responsible to supply for the demand of itself.

CONSTITUTION: Subsystems 101-103, comprising supply facilities 101a-103a, buffer facilities 101b-103b, and consumption facilities 101c-103c, are connected through power interchange facilities 104, 105. Power interchange facility flow rate commands 104g, 105g for a target object are delivered to the power interchange facilities 104, 105 thus controlling the power interchange facility flow rates 104f, 105f. In this regard, the power interchange amount control system 110 is provided with a function for determining the power interchange facility flow rate commands 104g, 105g such that the balance between the supply amounts 101d-103d of a target object in the subsystems 101-103 within a predetermined time range and the consumption amounts 101e-103e match a predetermined target balance.



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